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PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

re Application of:

Examiner: G. Desire

Group Art Unit: 2625

mase 12/19/13

TERUYOSHI WASHIZAWA

Application No.: 09/312,841

Filed: May 17, 1999

**IMAGE PROCESSING** For:

APPARATUS AND METHOD

September 12, 2003

Mail Stop Issue Fee Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

## **REOUEST FOR INITIALED FORM PTO-1449**

Sir:

Applicants filed on May 17, 1999 an Information Disclosure Statement in the subject application, the issue and publication fees for which are being paid concurrently herewith. However, Applicants have yet to receive acknowledgment by the Examiner of consideration of the references cited therein.

Accordingly, it is respectfully requested that the Examiner initial and return the Form PTO-1449 that accompanied the May 17, 1999 Information Disclosure Statement, a copy of which is enclosed, to indicate that the references cited therein have been considered and made formally of record.

## Match and Return

Applicant's undersigned attorney may be reached in our Costa Mesa, CA office at (714) 540-8700. All correspondence should continue to be directed to our below-listed address.

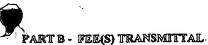
Respectfully submitted,

Attorney for Applicant

Registration No. 40, 595

FITZPATRICK, CELLA, HARPER & SCINTO 30 Rockefeller Plaza
New York, New York 10112-2200
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APPLICANT TERUYOSHI WASHIZAWA

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			U.S. PATENT DOCUMENTS					
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE		
	3,967,056	6/22/76	Kotaro Yata et al	348	356			
	5,067,158	11/19/91	Masud M. Arjmand	704	219			
	5,150,432	9/22/92	Hideyuki Ueno et al	382	250			
	5,187,692	2/16/93	Yoichi Haneda et al	367	135			
	5,327,520	7/5/94	Juin-Hwey Chen	704	219			
	5,473,555	12/5/95	Ronald W. Potter	364	724.1			
	5,696,850	12/9/97	Kenńeth A. Parulski et al	382	261			
	5,726,879	3/10/98	Mikio Sato	318	561			
			FOREIGN PATENT DOCUMENTS					
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	TRAITEMENT DU SIGNAL, VOL. 7, NO. 2, January 1990, pp. 101-115, P. Mathieu et al., "Image Coding Using Wavelet Transform and Vector Quantization".							
	SIGNAL PRO K.H. Yang et Decomposit	l al., Wavele	MAGE COMMUNICATION, vol. 6, no. 6, t Transform Coding for MCP Error Imag/Q".	February ges Using	1, 1995, pp Quadtree	o. 561-577,		
	IEEE Transa al., "Subban	ctions on in d Coding of	nage Processing, vol. 4, no. 4, April 1, 1 I Images using Asymmetrical Filter Ban	995, pp. 4 ks".	78-485, O.	Egger et		
	COMPUTER pp. 275-298,	VISION GR F. Ulupinar	APHICS AND IMAGE PROCESSING, vol et al., "Refining Edges Detected by a L	l. 51, no. 3 og Opera	3, Septemb tor".	er 1990,		
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